

Application Serial No. 10/669,995
Reply to Office Action of April 19, 2006

PATENT
Docket: CU-3368

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) A liquid crystal display having a conversion board for ~~basically~~ receiving an outside power supply and a digital data signal including a dot signal, wherein the conversion board comprises:

a digital signal receiver for receiving the outside power supply and the digital data signal including the dot signal; and

a comparator for comparing whether a frequency of a dot signal is higher than a frequency used in a driving device for the liquid crystal display or not,

wherein, when the frequency of the dot signal is higher than a minimum frequency capable of operating a timing controller or a driving device, the frequency of the dot signal is divided by 2, the 2-divided signals are outputted through two channels and the digital signal is applied to a module of the liquid crystal display by means of the two channels, and when the frequency of the dot signal is lower than the minimum frequency capable of operating a timing controller or a driving device, the dot signal is outputted through one channel and the digital signal is applied to the module of the liquid crystal display by means of one channel.

Application Serial No. 10/669,995
Reply to Office Action of April 19, 2006

PATENT
Docket: CU-3368

2. (Cancelled)
3. (Currently amended) The liquid crystal display according to claim 1 [[or 2,]] wherein, in order to determine the frequency of the dot signal, either a vertical frequency signal or a horizontal frequency signal included in the digital data signal is applied to the comparator.